ABSTRACT OF THE DISCLOSURE

A diagnosis system for household electric appliances, such as refrigerators, freezers, and others, presenting multiple loads, energized by switches commanded by electronic controls coupled to a command module, which energizes the loads and an interface. The system includes a voltmeter to measure a first voltage (Voff) in the inlet of the loads with the switches opened and a second voltage in the inlet of each load with respective switch closed, and a control unit for processing the values of the first voltage and of each second voltage. The control unit provides an interface with an indication of a failure in the command module, in the switches, or in the respective electronic controls thereof, in case a second voltage presents a value that is equal to or higher than that of the first voltage.